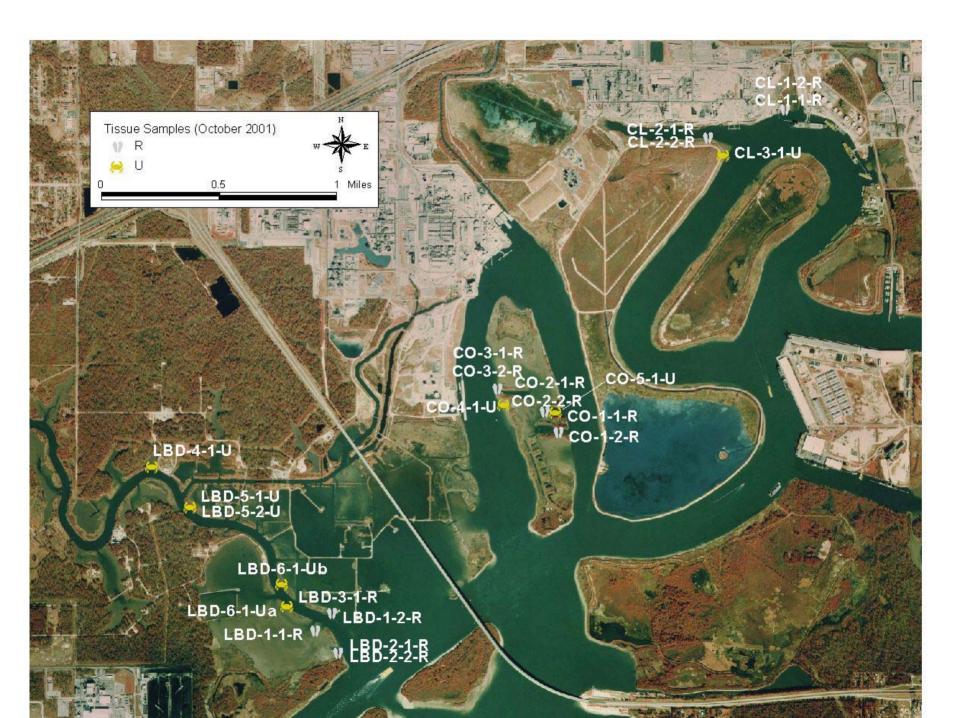


EPA Activities

- Fall 2001 Additional biota collection
- Dec. 2001 EPA received draft Remedial Investigation Report
- Jan. 2002 EPA received draft Human Health Risk Assessment





Remedial Investigation Report

- Report did not meet EPA's needs Too much "What" and not enough "Why".
- EPA and their contractor have determined a new approach to the report.
 - Principal Component Analysis
 - Reduce data
 - Identify key chemical
 - Understand relationships among chemicals and how they move
 - Kriging
 - Spatial Analysis of chemicals



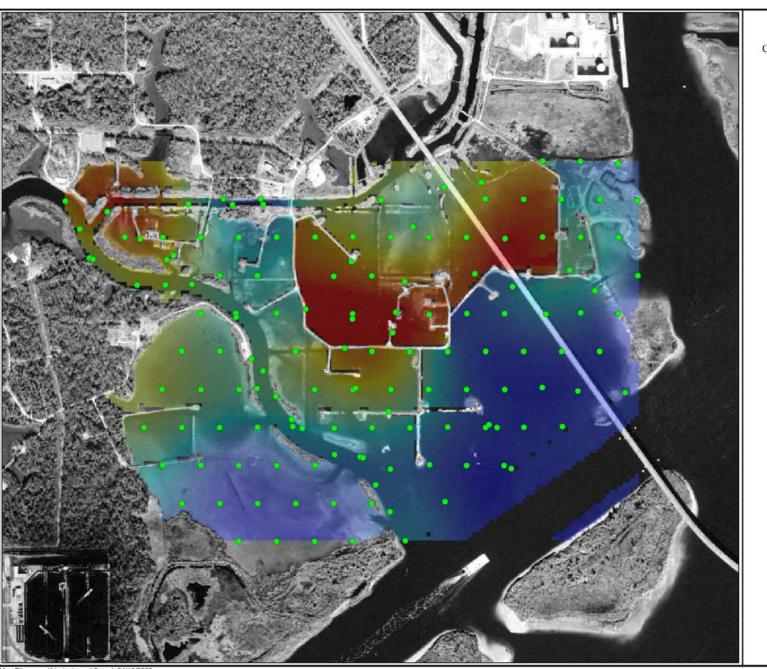


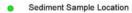
Figure X
Zinc Concentrations in Sediment
Calcasieu Estuary Remedial Investigation
Calcasieu Parish, Louisiana

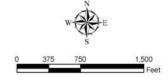












Map Filename: Krig-test-reach2.mxd 04/19/2002

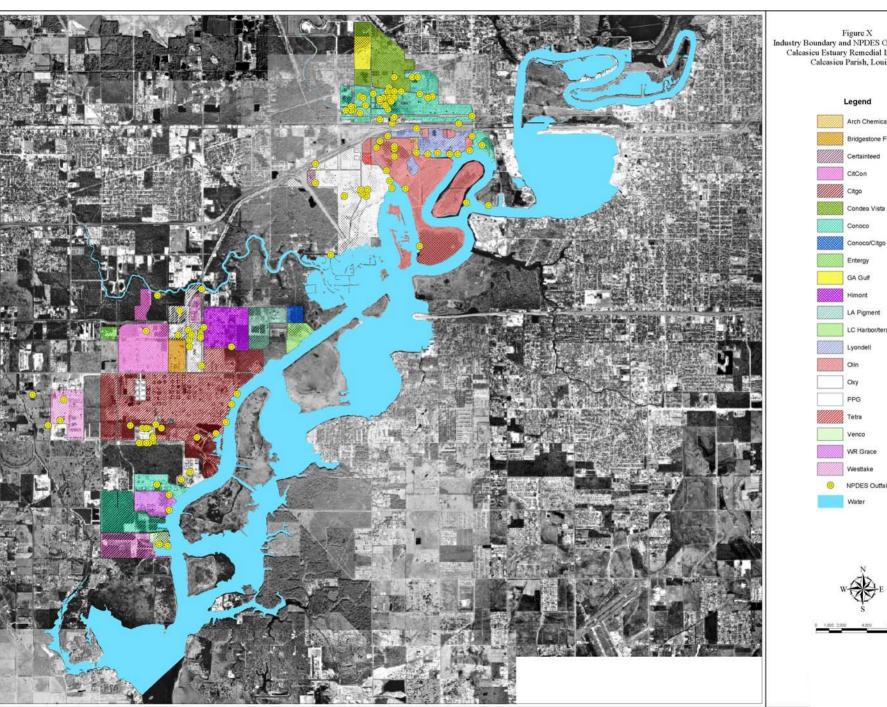


Figure X Industry Boundary and NPDES Outfall Locations Calcasicu Estuary Remedial Investigation Calcasicu Parish, Louisiana





Human Health Risk Assessment

- Revisions necessary due to errors and inconsistencies in database.
 - 3058 samples, 310,000 records in the database.
- Revision will include an assessment of PPG's data.



Schedule

- Updated public database –May 2002
- Human Health Risk Assessment June 2002
- Remedial Investigation Report August 2002
- Ecological Risk Assessment August 2002



Bayou Verdine Investigation

• EPA, Conoco and Sasol signed an Administrative Order on Consent to conduct an Engineering Evaluation/Cost Analysis On February 14, 2002.

• The EE/CA will evaluate engineering alternatives to address the residual sediment contamination in Bayou Verdine.





Bayou Verdine EE/CA

- EE/CA will be available for public review
- EPA selects the remedy in an Action Memorandum.
- Implementation of the remedy done under a Consent Decree that resolves EPA and Natural Resource liabilities.



Bayou Verdine, 1996 Aerial Photograph

